

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Andrew County, Missouri
 Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
	Arents
ALBATON-----	Very-fine, montmorillonitic (calcareous), mesic Vertic Fluvaquents
*ARISPE-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
ARMSTRONG-----	Fine, montmorillonitic, mesic Aquertic Hapludalfs
BREMER-----	Fine, montmorillonitic, mesic Typic Argiaquolls
BRUSSELS-----	Clayey-skeletal, mixed, superactive, mesic Typic Hapludolls
COLO-----	Fine-silty, mixed, mesic Cumulic Endoaquolls
GARA-----	Fine-loamy, mixed, mesic Mollic Hapludalfs
HAYNIE-----	Coarse-silty, mixed, superactive, calcareous, mesic Mollic Udifluvents
*HIGGINSVILLE-----	Fine-silty, mixed, mesic Aquic Argiudolls
JUDSON-----	Fine-silty, mixed, mesic Cumulic Hapludolls
KNOX-----	Fine-silty, mixed, mesic Mollic Hapludalfs
*KNOX-----	Fine-silty, mixed, mesic Mollic Hapludalfs
LADOGA-----	Fine, montmorillonitic, mesic Vertic Hapludalfs
*LAMONI-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
LETA-----	Clayey over loamy, montmorillonitic, mesic Fluvaquentic Hapludolls
MACKSBURG-----	Fine, montmorillonitic, mesic Aquic Argiudolls
MARSHALL-----	Fine-silty, mixed, mesic Typic Hapludolls
*MARSHALL-----	Fine-silty, mixed, mesic Typic Hapludolls
NODAWAY-----	Fine-silty, mixed, nonacid, mesic Mollic Udifluvents
OLMITZ-----	Fine-loamy, mixed, mesic Cumulic Hapludolls
ROSENDALE-----	Fine, mixed, mesic Typic Eutrochrepts
SARPY-----	Mixed, mesic Typic Udipsamments
SHARPSBURG-----	Fine, montmorillonitic, mesic Typic Argiudolls
SHELBY-----	Fine-loamy, mixed, mesic Typic Argiudolls
WABASH-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls
ZOOK-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls